|   | Index of Claims  |          |          |          |          |          |          |    |             |                             |           |                 |          | Application No. |            |        |   |            |                 |          |                     |        | Applicant(s) |      |              |              |           |          |              |          |          |          |        |    |          |       |     |
|---|--|----------|----------|----------|----------|----------|----------|----|-------------|-----------------------------|-----------|-----------------|----------|-----------------|------------|--------|---|------------|-----------------|----------|---------------------|--------|--------------|------|--------------|--------------|-----------|----------|--------------|----------|----------|----------|--------|----|----------|-------|-----|
|   | CONTROLLEGIO DE CONTROLLEGIO DE LA |          |          |          |          |          |          |    |             |                             |           |                 |          | 0               | 09/891,531 |        |   |            |                 |          |                     |        |              |      |              | LEE, JOUN HO |           |          |              |          |          |          |        |    |          |       |     |
|   |  |          |          |          |          |          |          |    |             |                             |           |                 |          | Ì               | Examiner   |        |   |            |                 |          |                     |        |              |      |              | Art Unit     |           |          |              |          |          |          |        | 1  |          |       |     |
|   |  |          |          |          |          |          |          |    |             |                             |           |                 |          |                 |            |        |   | Edit Molin |                 |          |                     |        |              |      |              |              |           | 2012     |              |          |          |          |        |    |          |       |     |
|   |  |          |          |          |          |          |          |    |             |                             |           |                 |          |                 |            |        |   | Enk Kielin |                 |          |                     |        |              |      |              |              |           | 2813     |              |          |          |          |        | _L | _        |       | 4   |
|   |  | 1        | $\Box$   | _        |          | _        |          | 1  |             | _                           | Т         | (Through same = |          |                 |            |        |   |            |                 | ٢        | Т                   |        |              |      |              | 1            |           |          |              |          | _        |          | $\neg$ |    |          |       |     |
|   |  |          | 4        | Rejected |          |          |          | -  | ·           | (Through num r<br>Cancelled |           |                 |          |                 | i ai j     |        | 1 | N          | Nor             | 1-E      | ec                  | ted    |              | A    |              | Appeal       |           |          |              |          |          |          |        |    |          |       |     |
|   |  |          | Н        | _        |          |          |          | 1  |             | -                           | t         | <del></del>     |          |                 |            |        | ᅥ | ł          | ┪               |          |                     |        |              |      | Н            | -            |           |          |              |          | ᅥ        |          |        | •  |          |       |     |
|   |  |          | =        | Allowed  |          |          |          |    |             | 1                           |           | ١               | Re       | stric           | tec        |        |   |            | 1               | 1        | Interfer            |        | Let          | 100  |              | 0            |           | Objected |              |          |          |          |        |    |          |       |     |
|   | · \  |          |          |          |          |          | J<br>    |    |             | _                           | _         | _               |          |                 |            |        |   |            |                 |          |                     | _      | _            |      | _            | _            | _         |          | _            | _        |          |          |        |    |          |       |     |
|   | Q  | ťm       | Date     |          |          |          | e        |    | <del></del> | ~                           | ]         |                 | <u>a</u> |                 | _          |        | _ | - 0        | ate             |          | 77                  |        |              | а    | ស្នា         | L,           | _         | Date     |              |          |          |          | _      | ᅱ  |          |       |     |
|   | 18   | Original | 3        | Š        | 3        |          |          |    |             |                             |           |                 | ١,       | 9               | Original   |        |   |            | -               | ١        |                     |        |              |      | Final        | Ortginal     |           |          |              |          | l        |          |        |    |          |       |     |
|   | Final  | F.       | -        | 7        | Ŕ        | H        |          |    |             | l                           |           |                 | d        | 200             | E C        |        |   |            |                 | ·        | 1                   |        |              |      | F            | Š            |           |          |              |          |          |          |        |    |          |       |     |
|   |  | -        | 7        | y        |          | L        | H        | ╀  | Ļ           | ╀                           | +         | -               | ⊩        | -               | 51         | Н      | Н | $\dashv$   | +               | 4        | -                   | +      | -            |      | -            | 101          | H         |          | Н            | -        | Н        |          | Н      | Н  | $\dashv$ |       |     |
|   |  | ~        | Ť        | ī        | Н        | ┝        | H        | H  | ╁           | +                           | t         | 7               | -        | -               | 52         | Н      |   | $\exists$  | _               | 1        |                     | 1      |              |      |              | 102          |           |          |              |          |          |          |        |    |          |       |     |
|   |  | 3        |          | I        |          |          |          |    |             | I                           | Į         | ]               | Г        |                 | 63         |        |   |            | Д               | 4        | $\Box$              |        |              |      |              | 103          | L         |          | ļ            |          |          |          |        |    | 4        |       | 100 |
| ï |  | 5        | Н        | +        | ┝        | ┝        | ┝        | ╁  | ╀           | ╀                           | ╀         | -               | -        | -               | 54<br>55   | Н      | - | $\dashv$   | -               | +        | ┥                   |        | -            |      |              | 104          |           | H        | Н            | Н        | Н        | -        | Н      | Н  | ㅓ        |       |     |
|   |  | 6        | Н        | t        | t        |          | t        |    | T           | İ                           | 1         |                 | L        |                 | 56         |        |   |            |                 | コ        |                     |        |              |      |              | 108          |           |          |              |          |          |          |        |    |          |       |     |
| : |  | 7        | Н        |          |          |          | F        | L  | L           | Ļ                           | Ŧ         | -               | L        | $\dashv$        | 57<br>58   | Н      | Н | -4         | +               | -+       | -                   | +      | ╀╌           |      |              | 107          | $\vdash$  | Н        | Н            |          | Н        | Н        | Н      | Н  | $\dashv$ |       |     |
|   |  | 8        | Н        | +        | $\vdash$ | ╁        | ╁        | ╁  | ╁           | 十                           | t         | ٦.              | ┝        | ᅦ               | 39         | Н      |   |            |                 | 1        | _                   | 1      | L            |      |              | 109          |           |          |              |          |          |          | Ш      |    |          | ·<br> |     |
|   |  | 10       |          | I        |          |          | L        | Г  | Į           | Ţ                           | Į         | ]               | Г        |                 | 8          |        |   |            | $\Box$          | 4        | $\rightrightarrows$ | $\mp$  | L            |      |              | 110          | $\Box$    |          | П            |          | П        |          | П      |    | 4        |       |     |
|   |  | 4        | 7        | +        | F        | ┡        | ⊢        | ╀  | ╀           | ╁                           | ╀         | -               | -        | -               | 61<br>62   | Н      | Н | $\dashv$   | $\dashv$        | $\dashv$ | $\dashv$            |        | ╀╌           |      | -            | 111          | ┝         | Н        | Н            | Н        | Н        | Η        | Н      | Н  | Н        |       |     |
|   |  | 13       | Н        | t        | H        | H        | t        | t  | t           | t                           | İ         | ]               |          |                 | ន          |        |   |            |                 | ⇉        | 口                   |        |              |      |              | 113          |           |          |              |          |          |          |        |    |          | l     |     |
|   |  | 14       | П        | L        | $\prod$  | L        | L        | L  | L           | Ţ                           | 1         | ]               |          |                 | 64         | Ц      |   |            | $\dashv$        | -        | -                   | +      | ╄            |      |              | 114<br>115   |           | $\vdash$ | Н            |          | Н        | -        |        | Н  | Н        |       |     |
| • | -  | 16<br>16 | Н        | ┞        | ╫        | ┝        | ╁╴       | ╁  | ╁           | ╁                           | ╁         | -               | -        |                 | 65<br>66   | Н      |   | Н          | -               | -        | $\dashv$            |        | ╁            |      | -            | 116          | $\dagger$ | Н        | $\vdash$     | -        |          |          |        | Τ  |          |       |     |
|   |  | 17       |          |          | 土        |          | L        |    | T           | 1                           | İ         | ]               |          |                 | 67         |        |   |            | $\Box$          | $\Box$   |                     | $\Box$ |              |      |              | 117          | L         |          |              |          |          | ]        | П      |    |          |       |     |
|   |  | 18<br>19 |          | L        | Щ.       | L        | L        | ╀  | ╀           | ╀                           | ╀         | -               | -        | -               | 68<br>69   | Н      | Н | Н          | Н               | $\dashv$ | $\dashv$            |        | ╁            |      |              | 118          | +         | -        | $\vdash$     | <u> </u> | Н        | Н        | Н      | Н  | Н        |       |     |
|   | <del> </del>   | 20       | Н        | ١,       | H        | ╁        | ╁        | t  | ╁           | t                           | †         |                 | -        |                 | 70         |        |   |            |                 |          |                     | $\pm$  | İ            |      |              | 120          |           |          |              |          |          | Ш        |        |    |          |       |     |
|   |  | 21       | И        | Y        | Ε        | _        | F        |    | Γ           | Ţ                           | Ţ         | ]               |          |                 | 71         | Ц      | П | П          |                 | _        |                     | 4      | L            |      |              | 121          |           | -        | Н            | Н        | Н        | Н        | H      | -  | Н        |       |     |
|   | $\vdash$   | 23       | Н        | $\vdash$ | ┝        | ┝        | ╀        | ╀  | ╀           | ╁                           | ╁         | -               | -        | -               | 72<br>73   | Н      | Н | Н          | Н               | ᅥ        | $\dashv$            | ╅      | +            |      | -            | 123          | +         | Н        | Н            |          |          |          |        |    |          |       |     |
|   |  | 24       |          | _        |          |          | L        | 上  | İ           | 土                           | 1         |                 | L        |                 | 74         |        |   |            |                 | $\Box$   |                     |        |              |      |              | 124          |           |          |              |          |          |          |        | П  |          |       |     |
| • |  | 25       |          |          | _        | _        | L        | 1  | Į.,         | +                           | +         | -               | -        |                 | 75<br>76   | H      | Н | -          | $\vdash$        |          | -                   | +      | ╁            | ł    | -            | 125<br>126   | -         | -        | -            | Н        | Н        | -        | H      | Н  | -        |       |     |
|   | $\vdash$   | 26<br>27 | -        | -        | ┢╾       | ┢        | ╁╴       | ╁  | t           | t                           | t         | -               | -        |                 | 77         |        |   |            |                 |          |                     | 士      |              |      |              | 127          |           |          |              |          |          |          |        | Ш  |          |       |     |
|   |  | 28       |          |          |          |          | L        | L  | L           | Ţ                           | Ţ         |                 |          |                 | 78         | Ц      |   |            |                 |          |                     | _      | -            |      |              | 128<br>129   | ╄         | _        | -            | Щ        | Н        | -        | -      | _  | Н        |       |     |
|   | _  | ଷଞ       |          | -        | $\vdash$ | ┝        | ╀        | ╀  | ╀           | ╁                           | +         | -               | -        | -               | 79<br>80   | Н      | Н | Н          | Н               | ┪        | $\dashv$            | +      | ╁╴           |      | -            | 130          |           | -        |              | Н        |          |          | Н      |    |          |       |     |
|   |  | 31       |          |          |          |          |          | L  | L           | t                           | 1         |                 |          |                 | 81         |        |   |            |                 | $\Box$   |                     | $\bot$ | I            |      |              | 131          |           |          |              |          |          |          |        |    | I        |       |     |
|   |  | 32       |          |          | L        | L        | ┞        | ╀  | ╀           | ╄-                          | +         | _               | _        | -               | 82<br>83   | Н      | Н | <u> </u>   | Н               | -        | Н                   | +      | ╀            |      | <del> </del> | 132<br>133   |           | -        | ⊢            | Н        | Н        | H        | Н      | H  |          |       |     |
|   |  | S<br>S   | -        | -        | ┝        | ┢        | ╁        | ╁  | t           | ╁                           | t         |                 | -        |                 | 84         | H      |   |            |                 | 士        |                     |        |              |      |              | -134         |           |          |              |          |          |          |        |    | $\cdot$  |       |     |
|   |  | 35       |          |          |          |          |          | I  | L           | I                           | 1         |                 |          |                 | 85         |        |   | _          |                 | $\Box$   |                     | $\bot$ | L            |      |              | 135          |           | _        |              | _        |          | ļ        | -      | -  | -        |       |     |
|   |  | 35<br>37 | Н        | -        | -        | ╀        | ╀        | ╀  | ╁           | ╁                           | ╁         | -               | -        | -               | 86<br>87   | Н      | Н | ۳          | H               | -        |                     | +      | +-           |      | <del> </del> | 136<br>137   |           | -        |              | Н        |          |          |        | L  |          |       |     |
|   |  | 38       |          |          |          |          | T        | İ  | t           | İ                           | İ         |                 |          |                 | 88         |        |   |            |                 |          |                     |        |              |      |              | 138          |           |          |              |          |          |          |        |    |          |       |     |
|   |  | 39       | П        |          |          | L        | F        | L  | L           | Ļ                           | ╀         | _               | -        | _               | 90         | Н      | Н | Н          | Н               | $\dashv$ | $\dashv$            | +      | ┾            |      | $\vdash$     | 139          |           | ┝        | -            | -        | Н        | $\vdash$ | Н      | -  | Н        |       |     |
|   | _  | 41       | Н        |          | -        | 1        | H        | t  | t           | $\dagger$                   | $\dagger$ | <b>-</b>        | -        |                 | 91         |        |   |            |                 | 寸        |                     | 土      |              |      |              | 141          |           |          |              |          |          |          |        |    |          |       |     |
|   |  | 42       |          |          |          |          | I        |    | I           | I                           | 7         | ]               | Г        |                 | 92         |        |   |            | П               | 4        |                     | 4      | F            |      |              | 142          |           | F        | П            |          | -        | H        | Н      |    | Н        |       |     |
|   | <u> </u>   | 43<br>44 | H        | _        | -        | -        | +        | +  | ╀           | +                           | +         | -[              | -        |                 | 83         | Н      | Н | H          | Н               | $\dashv$ | $\dashv$            | +      | +            |      | $\vdash$     | 143          |           | $\vdash$ | <del> </del> | H        | H        | -        | +      | Н  | H        |       |     |
|   |  | 45       |          | _        | -        |          |          | 上  | t           | İ                           | İ         | ]               |          |                 | 95         |        |   |            |                 |          |                     |        |              |      |              | 145          |           |          |              |          |          |          |        |    | 口        |       |     |
|   |  | 46       |          |          | F        | L        | F        | F  | F           | F                           | Ŧ         | 4               | L        | _               | 98<br>97   |        | Н |            | $\vdash \vdash$ |          | $\dashv$            | -      | +            |      | -            | 146          |           | ├        |              | $\vdash$ | $\vdash$ | -        | -      | ┝  | Н        |       |     |
|   |  | 47<br>48 | $\vdash$ | -        | -        | $\vdash$ | $\vdash$ | ╁  | t           | $\dagger$                   | $\dagger$ | -               | -        | _               | 98         | $\Box$ | Н |            | 目               |          |                     | 士      |              |      |              | 148          |           |          |              |          |          |          |        |    |          |       |     |
|   |  | 49       |          |          |          | F        | L        |    | F           | I                           | Į         | ]               | F        |                 | 99         |        |   |            | П               |          |                     |        | F            |      |              | 149          |           | Ĺ        |              |          |          | F        | -      | -  | Н        | ľ     |     |
|   |  | 50       | Ш        | L_       | L        | L        | L        | 1_ | 1_          | L                           | ┸         | _;::            | ال       |                 | 100        | Ц.     | ш | Ц.         | لــا            | لـــا    | Ш                   |        |              | Ji 👯 | ـــــا       | 150          | 1         | Ь        | نــا         |          | <u> </u> | ــــا    |        | _  | لب       | j     |     |

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